

**GREG FRANKLIN
PETROLEUM GEOLOGIST**

**7100 N. CLASSEN BLVD., BLDG #100 405/858-0968
OKLAHOMA CITY, OKLAHOMA 73116 FAX 405/840-3983**

Devil's Claw No. 1-19
1740' FSL 1880' FEL of the SE/4
Sec 19-T33S-R-31W
Seward County, Kansas

JAN 2 2005

CONFIDENTIAL

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GEOLOGICAL WELL REPORT

The Devils Claw 1-19 was drilled to a total depth of 5930'. Four potentially productive zones were encountered and will be described below:

Middle Morrow

The Middle Morrow was encountered from 5744' to 5794'; 50 feet overall. Two separate drilling breaks were encountered. The upper zone drilled off from 5744' to 5754'; 14 feet overall (from mud log.) The before drilling rate was 2 to 2.5min/ft. The drill off in the upper zone went to .5 to 1.5 min/ft for a total of 14'. The background gas was 80 units and a gas show of 204 units was encountered for a net gas show of 124 units. The sample description of the upper zone is as follows:

Middle Morrow U. Zone

LS-WHT-BUFF, MOD-XLN, SURC, W/ INTERBD-QTZ GR, W/ CALC CMNT, W/ LIGHT BLUE FLUR, SL STREAM CUT, NO ODOR.

The lower zone was encountered from 5774' to 5794', 20 feet overall. The before drill rate was 2.0 to 2.5 min/ft. The drill off went to 1.0 min/ft. No associated gas show was encountered. The sample description is as follows:

Middle Morrow L. Zone

LS-WHT-BUFF, MOD-XLN, SURC, W/ INTRBD-QTZ GR, W/ CALC CMNT, W/ LT BLU FLU, SL STRM CUT, NO ODOR.

Herrington

The Herrington Dolomite was encountered from 2578' to 2584', 6 feet overall. The drilling rate before and after was the same at .5 to 1.0 min/ft. No gas show was encountered. The sample description is as follows:

Herrington

DOLO-CRMWHT, V/F-F-XLN, SUC, SLI GLAUC'IC, PR-FR INTR-XLN POR, W/ DULL YEL MIN FLU, NO VIS CUT OR STN, NO ODOR.

Upper Krider

The Upper Krider was encountered from 2610' to 2624', 10 feet overall. The before and after drilling rate was the same at .5 to 1.0 min/ft with a 23 unit gas show. The sample description is as follows:

Upper Krider

DOLO-CRM-OFF WHT-WHT, V/F-F-XLN, SUB SUC-SUC I.P., SLI GLAUC'IC, PR-FR INTR-XLN POR, W/ DULL YEL MIN FLU, NO VIS CUT OR STN, NO ODOR.

Lower Krider

The Lower Krider was encountered from 2652' to 2688', 36 feet overall. The drill off before and after was the same at .5 to 1.0 min/ft. There was a 23 unit gas show and the sample description is as follows:

Lower Krider

DOLO-CRM-OFF WHT-WHT, V/F-F-XLN, SUB SUC-SUC I.P., SLI GLAUC'IC, PR-FR INTR-XLN POR, W/ DULL YEL MIN FLU, NO VIS CUT OR STN, NO ODOR.

If you need any additional information or have any questions please contact me at the number above.

Respectfully submitted,



Greg Franklin
Petroleum Geologist
AAPG # 31075-4

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DRILLER'S LOG

BARBOUR ENERGY CORPORATION.
DEVIL'S CLAW 1-19
SECTION 19-T33S-R31W
SEWARD COUNTY, KANSAS

COMMENCED: 10-27-04
COMPLETED: 11-07-04

SURFACE CASING: 604' OF 8 5/8" CMTD
W/200 SKS 65:35 LITE + 6%GEL + 3% CC +
1/4#/SK FLOCELE. TAILED W/100 SKS CLASS
H + 3% CC + 1/4#/SK FLOCELE. 1 1/4" @ 210'
W/200 SKS 65:35 LITE + 6% GEL + 3% CC.

FORMATION

DEPTH

SURFACE HOLE	0 - 610
DAKOTA SAND	610 - 1837
RED BED	1837 - 2530
LIMESTONE & SHALE	2530 - 3184
COUNCIL GROVE	3184 - 4147
HEBNER	4147 - 4230
LANSING	4230 - 5250
DES MOINES	5250 - 5415
13 FINGERS	5415 - 5535
ATOKA	5535 - 5675
MORROW	5675 - 5930 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.



WRAY VALENTINE

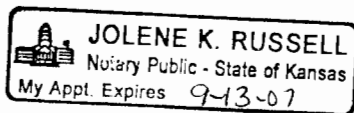
STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 8TH DAY OF NOVEMBER, 2004.

JOLENE K. RUSSELL



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